

Serial Number: 09/28/717

ENTERED

TECH CENTER 16002200

#8 MD  
 5/8/00

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☒ Other: Seq6 - converted LeuLeu to IleLeu in (223) sequence for positions 15-16

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RECEIVED

1631

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
TIME: 19:33:37

Input Set: I281717.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

1 <110> APPLICANT: Baxter, John D.  
2 Darimont, Beatrice  
3 Feng, Weijun  
4 Fletterick, Robert J.  
5 Kushner, Peter J.  
6 Wagner, Richard L.  
7 West, Brian  
8 Yamamoto, Keith R.  
9 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR  
10 COACTIVATOR BINDING  
11 <130> FILE REFERENCE: UCAL-253/02US  
12 <140> CURRENT APPLICATION NUMBER: US/09/281,717  
13 <141> CURRENT FILING DATE: 1999-03-30  
14 <150> EARLIER APPLICATION NUMBER: US 60/079,956  
15 <151> EARLIER FILING DATE: 1998-03-30  
16 <160> NUMBER OF SEQ ID NOS: 51  
17 <170> SOFTWARE: PatentIn Ver. 2.1  
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
TIME: 19:33:37

Input Set: I281717.RAW

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90 <222> LOCATION: (20)
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RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
 TIME: 19:33:37

Input Set: I281717.RAW

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128           20             25             30
129   Thr Ala
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132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 7
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137   Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
138           20             25             30
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140 <211> LENGTH: 34
141 <212> TYPE: PRT
142 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 8
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
TIME: 19:33:37

Input Set: I281717.RAW

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157          20          25          30
158      Thr Ala
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167          20          25          30
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176          20          25          30
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184          1          5          10          15
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187      Thr Ala
188      <210> SEQ ID NO 13
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190      <212> TYPE: PRT
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194          1          5          10          15

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
TIME: 19:33:37

Input Set: I281717.RAW

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205              20              25              30
206      Thr Asn
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215              20              25              30
216      Thr Ala
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222      Glu Gln Leu Ser Pro Lys Lys Lys Glu Asn Asn Ala Leu Leu Arg Tyr
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225              20              25              30
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234              20              25              30
235      Thr Asn
236 <210> SEQ ID NO 18
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238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 18
241      Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
242      1              5              10              15
243      His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
                20              25              30

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION US/09/281,717DATE: 04/24/2000  
TIME: 19:33:37

Input Set: I281717.RAW

Line	Error/Warning	Original Text
27	W "N" or "Xaa" used: Feature required	Leu Xaa Xaa Leu Leu
38	W "N" or "Xaa" used: Feature required	Ile Leu Xaa Xaa Leu Leu
49	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Leu Trp
60	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Ala Leu
350	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser X
352	W "N" or "Xaa" used: Feature required	Xaa Gln Leu Leu Thr Xaa Xaa Xaa Xaa Xaa X
354	W "N" or "Xaa" used: Feature required	Xaa Xaa
408	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa G
410	W "N" or "Xaa" used: Feature required	His Xaa Leu Leu Gln Xaa Xaa Xaa Ser Pro X
412	W "N" or "Xaa" used: Feature required	Xaa Xaa
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448	W "N" or "Xaa" used: Feature required	Arg Tyr Leu Leu Asp Xaa Asp Xaa Xaa Xaa X
450	W "N" or "Xaa" used: Feature required	Xaa Xaa

gihara, N. 8B19

1631 (Rush)

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000  
TIME: 14:02:59

Input Set: I281717.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

Does Not Comply  
Corrected Diskette Needed P.S

1 <110> APPLICANT: Baxter, John D.  
2 Darimont, Beatrice  
3 Feng, Weijun  
4 Fletterick, Robert J.  
5 Kushner, Peter J.  
6 Wagner, Richard L.  
7 West, Brian  
8 Yamamoto, Keith R.  
9 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR  
10 COACTIVATOR BINDING  
11 <130> FILE REFERENCE: UCAL-253/02US  
12 <140> CURRENT APPLICATION NUMBER: US/09/281,717  
13 <141> CURRENT FILING DATE: 1999-03-30  
14 <150> EARLIER APPLICATION NUMBER: US 60/079,956  
15 <151> EARLIER FILING DATE: 1998-03-30  
16 <160> NUMBER OF SEQ ID NOS: 51  
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PAGE: 2

RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

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 70 20 25 30  
 71 Ala Ser  
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W--&gt;OK

W--&gt;OK

PAGE: 3

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

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129 Thr Ala
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PAGE: 4

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

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176          20          25          30
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186          20          25          30
187      Thr Ala
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194          1          5          10          15

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PAGE: 5.

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

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222      Glu Gln Leu Ser Pro Lys Lys Lys Glu Asn Asn Ala Leu Leu Arg Tyr
223      1              5              10              15
224      Leu Leu Asp Arg Asp Asp Pro Ser Asp Val Leu Ala Lys Lys Leu Gln
225              20              25              30
226 <210> SEQ ID NO 17
227 <211> LENGTH: 34
228 <212> TYPE: PRT
229 <213> ORGANISM: Homo sapiens
230 <400> SEQUENCE: 17
231      Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
232      1              5              10              15
233      Leu Gln Leu Leu Thr Cys Ser Ser Asp Asp Arg Gly His Ser Ser Leu
234              20              25              30
235      Thr Asn
236 <210> SEQ ID NO 18
237 <211> LENGTH: 34
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 18
241      Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
242      1              5              10              15
243      His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
244              20              25              30

```

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION US/09/281,717DATE: 04/24/2000  
TIME: 14:02:59

Input Set: I281717.RAW

Line	Error/Warning	Original Text
27	W "N" or "Xaa" used: Feature required	Leu Xaa Xaa Leu Leu
38	W "N" or "Xaa" used: Feature required	Ile Leu Xaa Xaa Leu Leu
49	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Leu Trp
60	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Ala Leu
350	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser X
352	W "N" or "Xaa" used: Feature required	Xaa Gln Leu Leu Thr Xaa Xaa Xaa Xaa Xaa X
354	W "N" or "Xaa" used: Feature required	Xaa Xaa
408	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa G
410	W "N" or "Xaa" used: Feature required	His Xaa Leu Leu Gln Xaa Xaa Xaa Ser Pro X
412	W "N" or "Xaa" used: Feature required	Xaa Xaa
446	W "N" or "Xaa" used: Feature required	Glu Xaa Xaa Xaa Xaa Lys Lys Lys Glu Xaa X
448	W "N" or "Xaa" used: Feature required	Arg Tyr Leu Leu Asp Xaa Asp Xaa Xaa Xaa X
450	W "N" or "Xaa" used: Feature required	Xaa Xaa